

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 03182A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 169 899 B1 (ROEL-NG MAYA ET AL) 2 January 2001 (2001-01-02) column 2, line 7 - column 3, line 27 column 3, line 64 - column 7, line 12 figures 3-4B	1,4,6,8, 11-14, 16,18-20
A	WO 01 52569 A (NOKIA NETWORKS OY ;KAALL JAN (FI); NAGHIAN SIAMAEK (FI)) 19 July 2001 (2001-07-19) page 5, line 27 - page 7, line 12 page 10, line 15 - page 13, line 8 figures 1,3	1-20

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

23 October 2003

Date of mailing of the international search report

30/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pacholec, D

INTERNATIONAL SEARCH REPORT

Intern: [REDACTED] Application No
PCT/IB 03/03182

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6169899	B1	02-01-2001	AU	4751799 A	16-03-2000
			GB	2344024 A	24-05-2000
			US	6272342 B1	07-08-2001
WO 0152569	A	19-07-2001	AU	4048401 A	24-07-2001
			BR	0016943 A	15-10-2002
			CA	2397083 A1	19-07-2001
			CN	1433645 T	30-07-2003
			WO	0152569 A1	19-07-2001
			EP	1247408 A1	09-10-2002
			JP	2003520519 T	02-07-2003
			US	2003148774 A1	07-08-2003